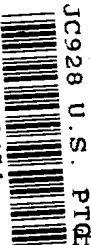


12/27/01



Frederick P. Fish
1855-1930

W.K. Richardson
1859-1951

FISH & RICHARDSON P.C.

December 27, 2001

Attorney Docket No.: 10559/635001/P12330

Box Patent Application
Commissioner for Patents
Washington, DC 20231

4350 La Jolla Village Drive
Suite 500
San Diego, California
92122

Telephone
858 678-5070

Facsimile
858 678-5099

Web Site
www.fr.com

Presented for filing is a new original patent application of:

Applicant: MICHAEL D. RUEHLE

Title: SIGNAL PERMUTING

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	20
Claims	6
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawing(s)	7

Enclosures:

- New disclosure information, including:
Information disclosure statement, 1 pages.
PTO-1449, 1 pages.
References, 3 items.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL870691684US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 27, 2001

Date of Deposit

Signature

Gabe Lewis

Typed or Printed Name of Person Signing Certificate

JC921 U.S. PTO
10/034340
12/27/01



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

FISH & RICHARDSON P.C.

Commissioner for Patents

December 27, 2001

Page 2

Basic filing fee	\$0
Total claims in excess of 20 times \$18	\$0
Independent claims in excess of 3 times \$84	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$0

No filing fee is being paid at this time.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

SCOTT C. HARRIS


Fish & Richardson P.C.

Customer Number: 20985

4350 La Jolla Village Drive, Suite 500

San Diego, California 92122

Respectfully submitted,


Scott C. Harris

Reg. No. 32,030

Enclosures

SCH/rpi

10155056.doc